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wardly. When the receptacle is closed the hinge assumes an appearance in cross section of a Y or a wishbone (FIG. 4). In this folded position the corners of ridge 33 are partially rounded out and have the effect of biased levering elements which assist in keeping the flanges 17 and 21 adjacent to each other, including those areas contiguous to hinge 23.

Thus a light weight container has been formed which requires no significant assembly time in view of its integral construction. The container has a hinge which will last the normal expected life of the container without tearing. The mating surfaces of the cover and base are flush to each other and can be kept in this position by any of a number of means such as the use of undercut corners or a built in snap fastener 45 (FIG. 1) in cover 13. It is apparent that the precise dimensions of the valleys and ridge of hinge 23 will vary depending on the thickness of the sheet material and the size of the container.

Although only one embodiment of this invention has been illustrated and described, it will be apparent to those with skill in the art that modifications can be made without departing from the spirit of the invention and the scope of the appended claims.

I claim:

1. A hinge integrally joining a pair of flush surfaces formed from a plastic sheet material deformable by heat and pressure comprising a pair of substantially identical

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hollow and parallel valleys of uniform thickness outwardly extending along substantially the length of said hinge, each of said valleys having a first side connected to one of said surfaces and its opposite side connected to a like side of said other valley and forming a ridge parallel to said valleys, said valleys being of quarter round configuration when said surfaces are spread approximately 180 degrees and said valleys extending outwardly from said flush surfaces with said ridge extending inwardly when said surfaces are folded upon each other.

2. A hinge according to claim 1 in which the height of said ridge is no greater than the depth of said valleys.

3. A hinge according to claim 2 in which the width of said ridge is less than the radius for said valleys.

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